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ABSTRACT OF THE DISCLOSURE

An electronic control unit for a combustion engine having a water coolant passageway in heat transfer adjacency to the unit and adapted to remove heat from the unit. An ECU for combustion engine, comprising: electrical input circuits, electrical control circuits, electrical fuel injection output drive circuits, electrical oil pump output drive circuits and electrical ignition circuits. An ECU is disclosed which is adapted to verify firing of the ignition coils of the engine.